

ABSTRACT

METHOD FOR CONTROLLING ACCESS TO A DETERMINED SPACE
VIA A PERSONALISED PORTABLE OBJECT, AND PORTABLE OBJECT
FOR IMPLEMENTING THE SAME

The method for controlling access by a personalised portable object (2) to a determined space is achieved by wireless transmission of an encoded identification signal. In order to do this, electronic means are provided in the space, whereas the portable object includes a processing unit (26) connected to signal transmission (22, 5 28) and/or reception means (21, 17). An encoded identification signal is transmitted by the transmission means of the portable object (2) or by transmission means provided in the determined space. This encoded identification signal is received by reception means provided in the space or in the portable object, when the object is located in a restricted zone around the electronic means provided in the space. The received 10 encoded signal is verified in the electronic means provided in the space or in the processing unit (26) to authorise access to the space. The encoded identification signal transmitted and received includes an analogue signature specific to the pair formed by the personalised portable object (2) and the electronic means provided in the space. Thus, verification consists in comparing this analogue signature with a 15 stored reference signature in order to authorise access to the space if said signature is recognised.

Figure 4